

We claim:

1. An intraocular lens system, comprising:

- a) a first optic having a first optical zone;
- b) a second optic having a second optical zone; and
- c) at least one column joining the first optic to the second optic outside of the first and the second optical zones, the column being made from an expansive material.

2. The lens system of claim 1 wherein the expansive material is a masked hydrogel.

3. The lens system of claim 1 wherein the expansive material comprises a monomer known to occupy less volume in its pre-polymerization state than in its polymerized state.

4. The lens system of claim 1 wherein the expansive material is an acrylamide polymer.

5. The lens system of claim 1 wherein the expansive material is a cross-linked copolymer of 2-phenylethyl acrylate and 2-phenylethyl methacrylate.

6. The lens system of claim 1 wherein the expansive material comprises an acrylamide polymer and an anhydride-containing polymer.

7. The lens system of claim 6 wherein the expansive material is caused to expand by scission of its anhydride moieties.

8. The lens system of claim 1 wherein the columns cause the second optic to vault away from the first optic.

- 1 9. The lens system of claim 1 wherein the first optic and the second optic
2 comprise a soft acrylic.
- 1 10. The lens system of claim 1 wherein the second optic comprises a hydrogel.
- 1 11. The lens system of claim 1 wherein the second optic comprises silicone.
- 1 12. The lens system of claim 1 wherein the first optic comprises silicone.
- 1 13. The lens system of claim 1 wherein the first optic comprises a hydrogel.